

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
 Data File : BE093390.D
 Acq On : 1 Jul 2017 13:37
 Operator : SJ/JU
 Sample : I3687-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-170613

Manual Integrations
 APPROVED

mohammad
 7/3/2017 1:17:56 PM

Quant Time: Jul 03 05:26:08 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 15:43:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	2700	0.40	ng	0.00
7) Naphthalene-d8	10.74	136	12324	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	7189	0.40	ng	-0.02
19) Phenanthrene-d10	17.27	188	25157	0.40	ng	0.00
27) Chrysene-d12	21.43	240	33721	0.40	ng	-0.01
34) Perylene-d12	23.94	264	29957	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1511	0.18	ng	0.00
5) Phenol-d6	7.10	99	1309	0.10	ng	0.00
8) Nitrobenzene-d5	9.08	82	3086	0.42	ng	-0.02
11) 2-Methylnaphthalene-d10	12.31	152	6904	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1236m	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	15779	0.56	ng	0.00
25) Fluoranthene-d10	19.29	212	117466	0.51	ng	0.00
29) Terphenyl-d14	19.88	244	36582	0.59	ng	0.00
Target Compounds						
9) Naphthalene	10.77	128	3805	0.030	ng	Qvalue # 80
23) Phenanthrene	17.30	178	3076	0.051	ng	# 97
26) Fluoranthene	19.32	202	1888	0.029	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.34	149	26969	0.198	ng	# 67

(#) = qualifier out of range (m) = manual integration (+) = signals summed

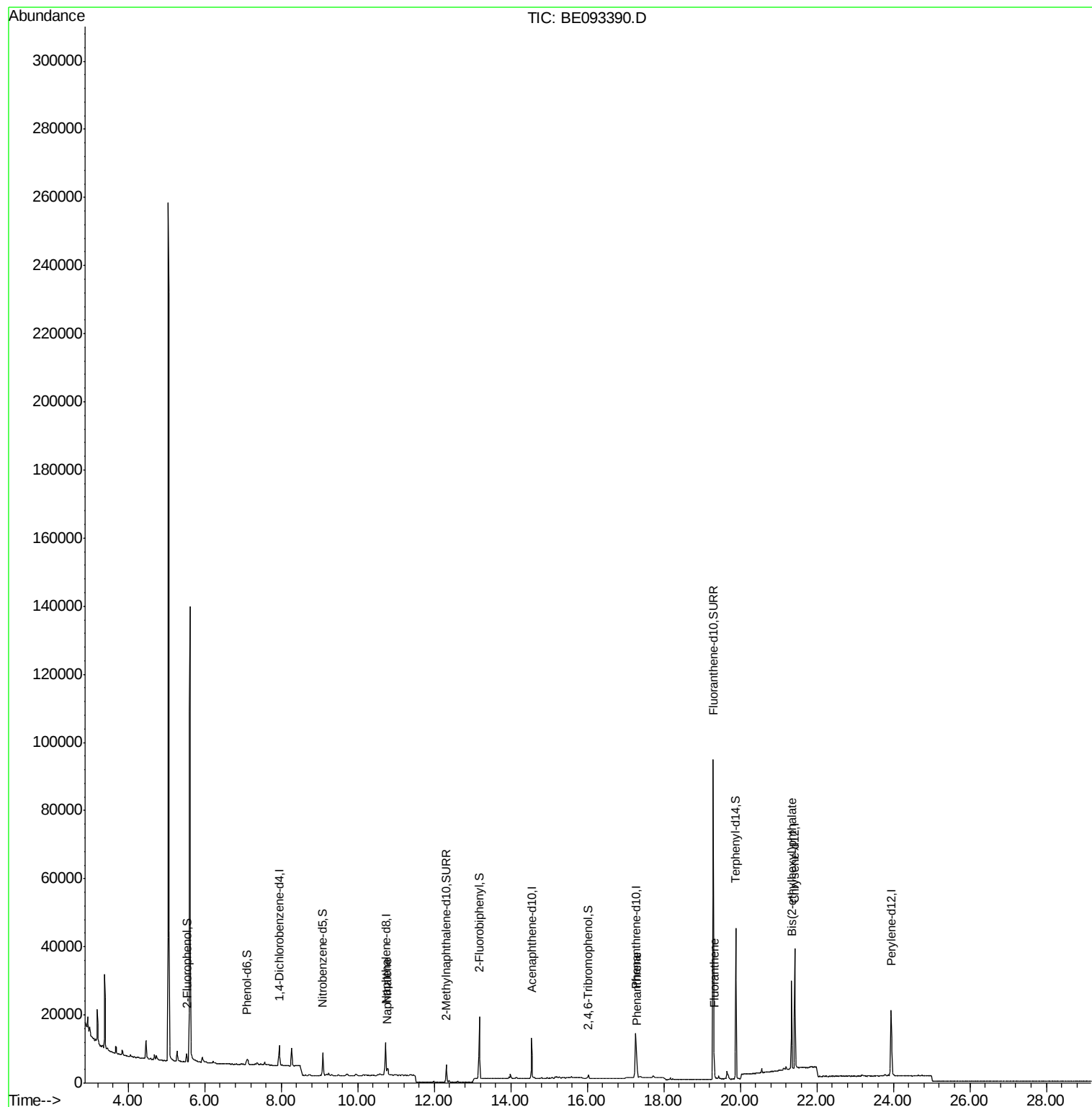
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
Data File : BE093390.D
Acq On : 1 Jul 2017 13:37
Operator : SJ/JU
Sample : I3687-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

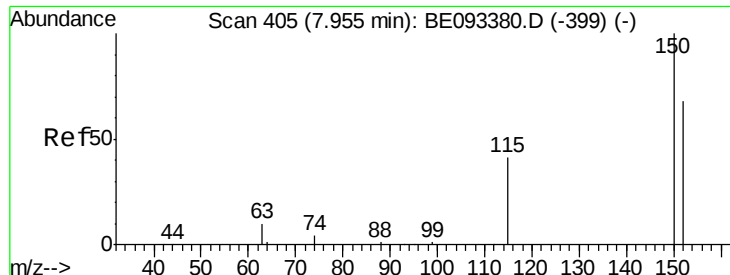
Instrument :
BNA_E
ClientSampleId :
KY038PS027-170613

Manual Integrations
APPROVED

mohammad
7/3/2017 1:17:56 PM

Quant Time: Jul 03 05:26:08 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 15:43:24 2017
Response via : Initial Calibration

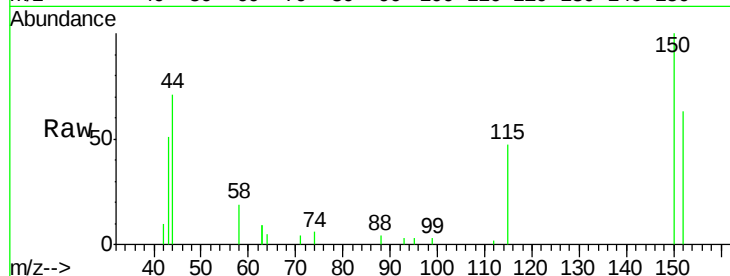




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.95 min Scan# 404
Delta R.T. -0.01 min
Lab File: BE093390.D
Acq: 1 Jul 2017 13:37

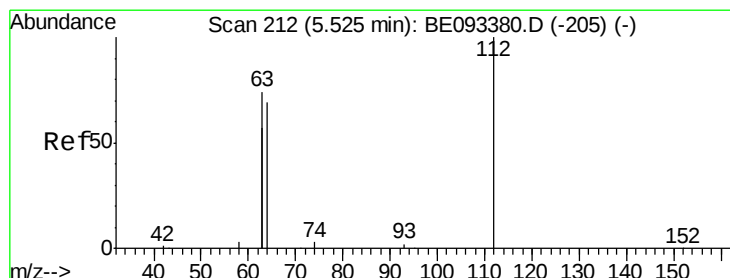
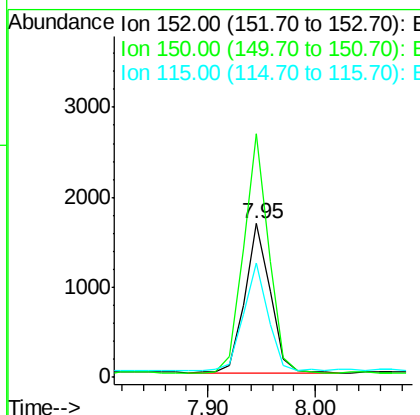
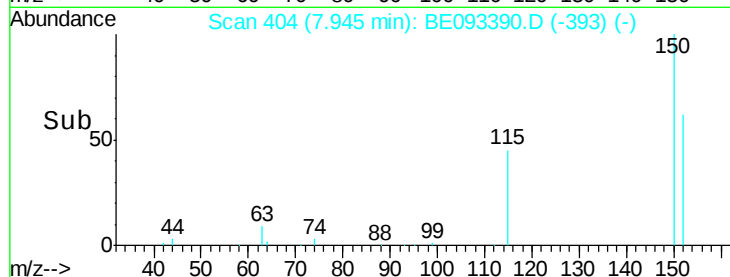
Instrument :
BNA_E
ClientSampleId :
KY038PS027-170613



Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.1	187.7
115	74.4	55.7	83.5

Manual Integrations
APPROVED

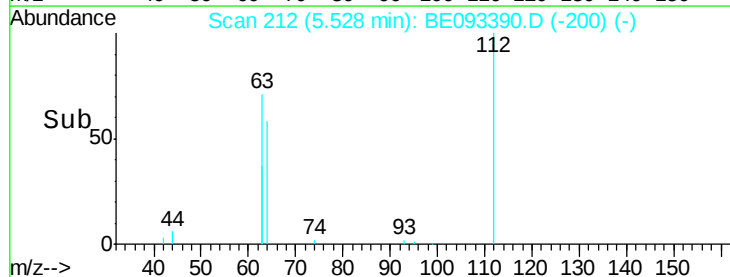
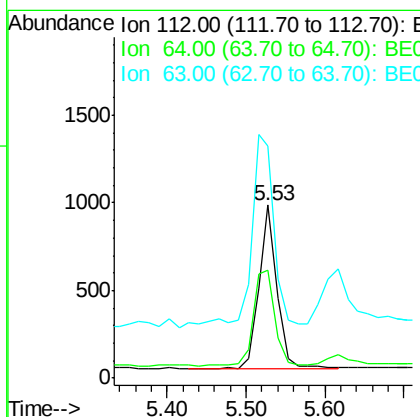
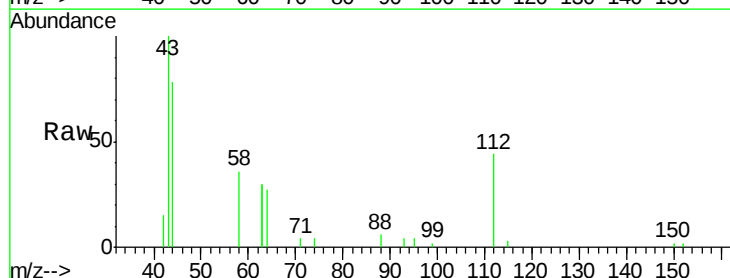
mohammad
7/3/2017 1:17:56 PM

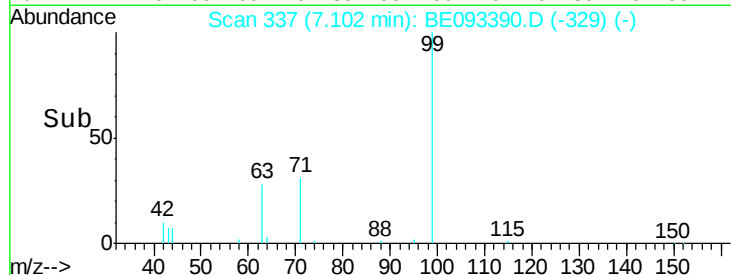
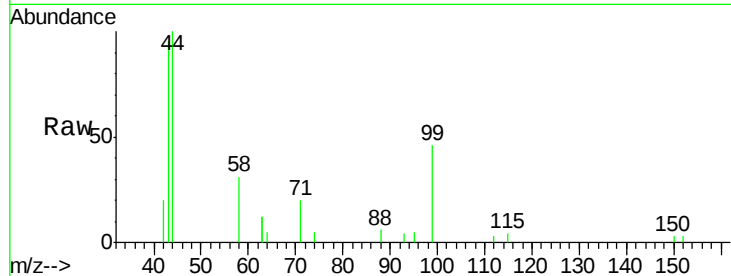
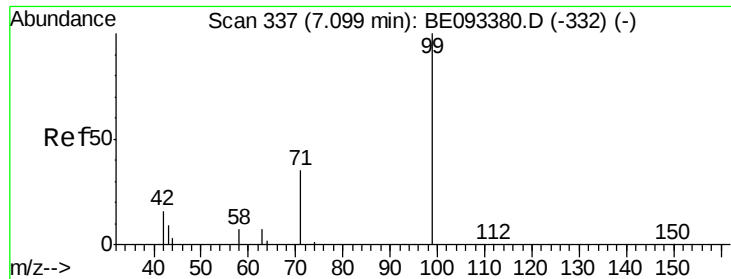


#4

2-Fluorophenol
Concen: 0.179 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093390.D
Acq: 1 Jul 2017 13:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	56.4	84.6
63	146.7	29.3	43.9#





#5

Phenol-d6

Concen: 0.104 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093390.D

Acq: 1 Jul 2017 13:37

Instrument :

BNA_E

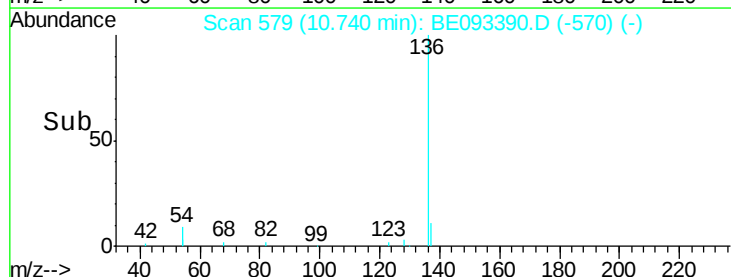
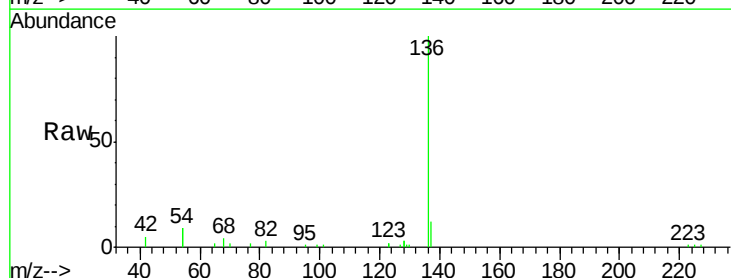
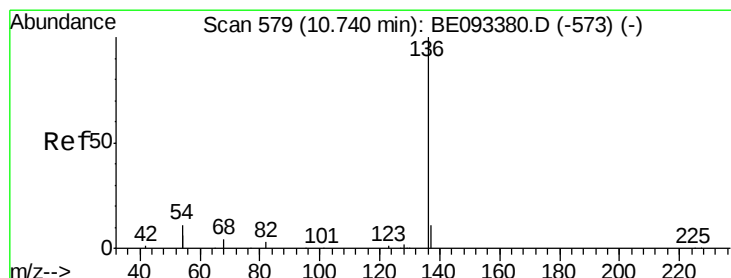
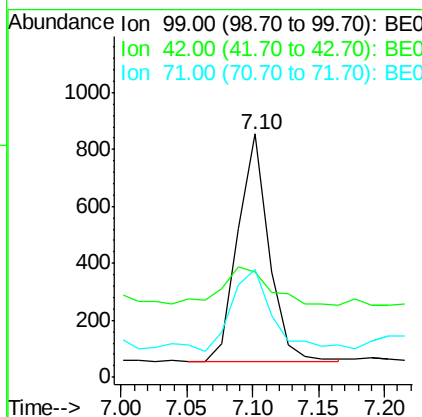
ClientSampleId :

KY038PS027-170613

Tgt Ion:	99	Resp:	1309
Ion Ratio	Lower	Upper	
99	100		
42	26.8	0.0	0.0#
71	43.5	0.0	0.0#

Manual Integrations
APPROVED

mohammad
7/3/2017 1:17:56 PM



#7

Naphthalene-d8

Concen: 0.400 ng

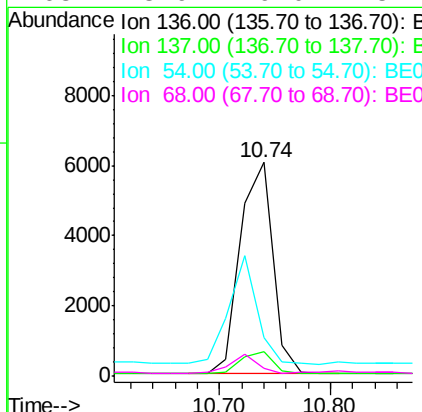
RT: 10.74 min Scan# 579

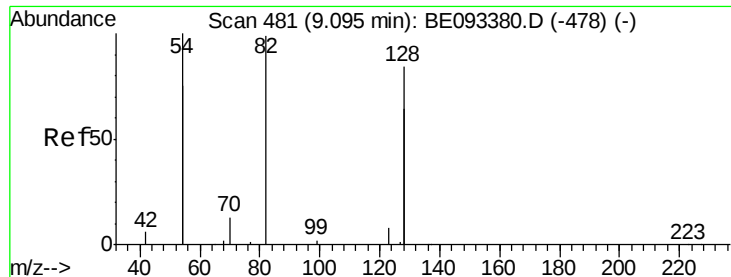
Delta R.T. -0.00 min

Lab File: BE093390.D

Acq: 1 Jul 2017 13:37

Tgt Ion:	136	Resp:	12324
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.8	14.8
54	18.2	10.3	15.5#
68	3.9	9.0	13.4#





#8

Nitrobenzene-d5

Concen: 0.420 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.02 min

Lab File: BE093390.D

Acq: 1 Jul 2017 13:37

Instrument :

BNA_E

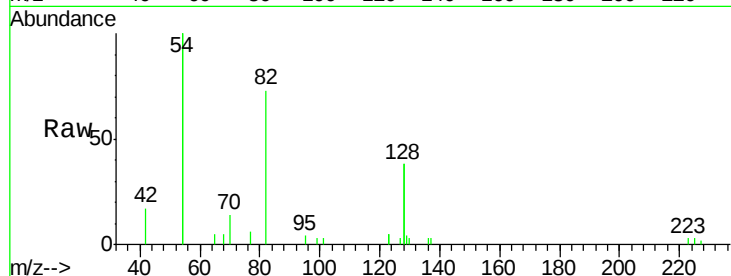
ClientSampleId :

KY038PS027-170613

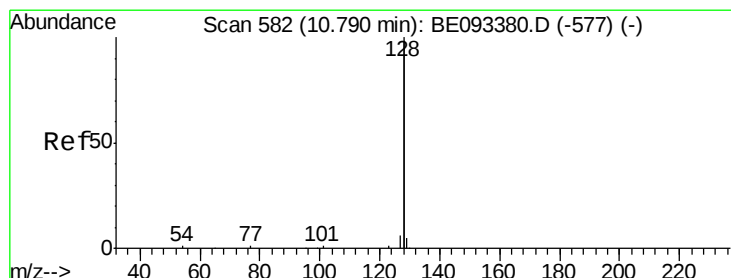
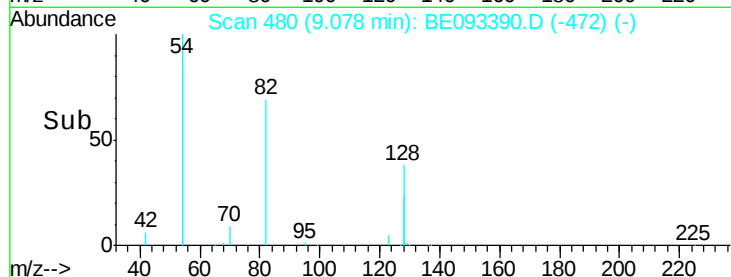
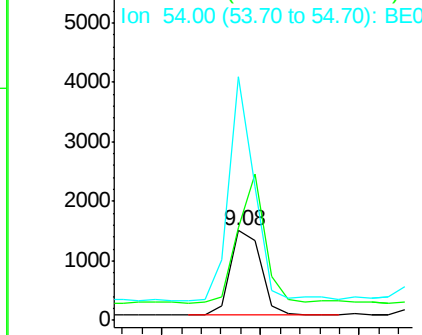
Tgt Ion:	82	Resp:	3086
Ion Ratio	Lower	Upper	
82	100		
128	103.8	17.0	25.4#
54	272.3	53.8	80.6#

Manual Integrations
APPROVED

mohammad
7/3/2017 1:17:56 PM



Abundance Ion 82.00 (81.70 to 82.70): BE093380.D (-478) (-)



#9

Naphthalene

Concen: 0.030 ng

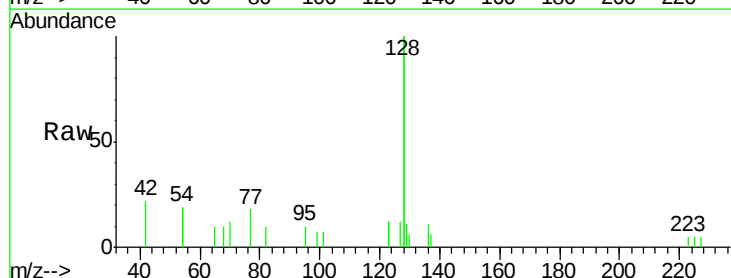
RT: 10.77 min Scan# 581

Delta R.T. -0.02 min

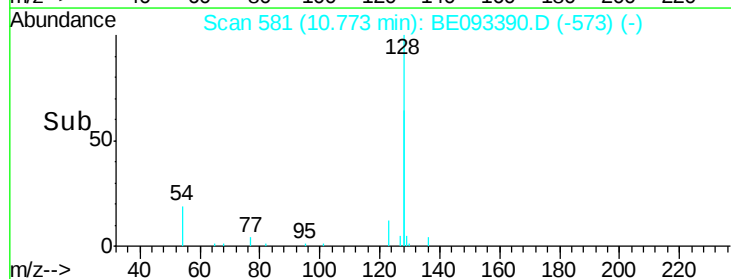
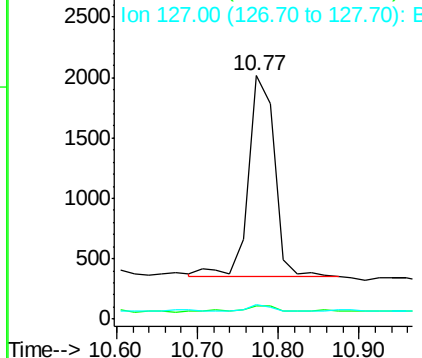
Lab File: BE093390.D

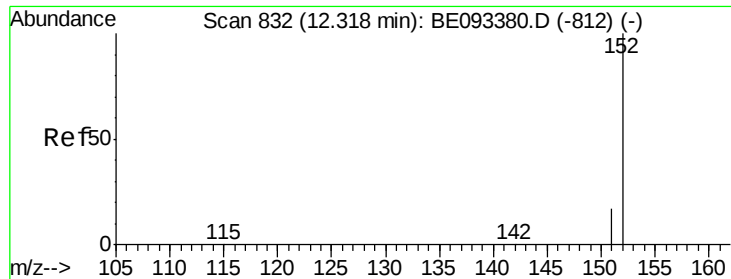
Acq: 1 Jul 2017 13:37

Tgt Ion:	128	Resp:	3805
Ion Ratio	Lower	Upper	
128	100		
129	5.6	11.4	17.0#
127	6.0	11.2	16.8#



Abundance Ion 128.00 (127.70 to 128.70): BE093380.D (-577) (-)





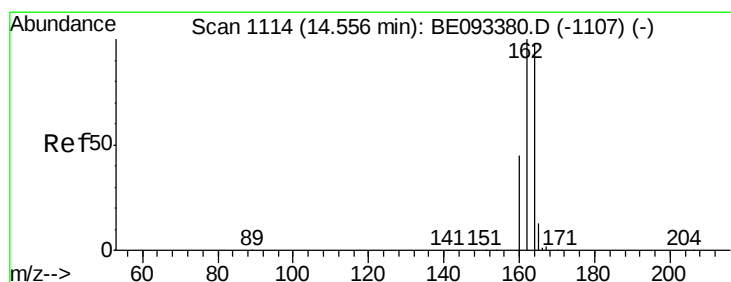
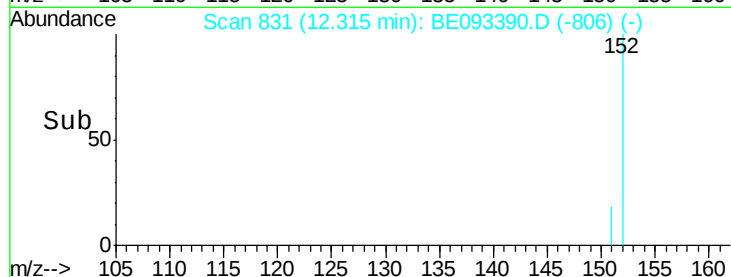
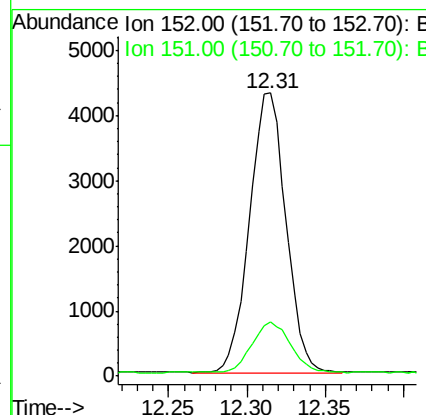
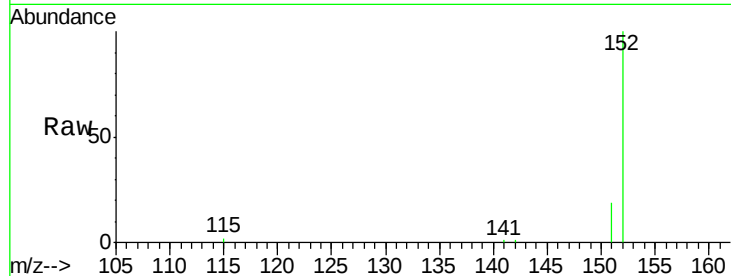
#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 12.31 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE093390.D
Acq: 1 Jul 2017 13:37

Instrument :
BNA_E
ClientSampleId :
KY038PS027-170613

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7

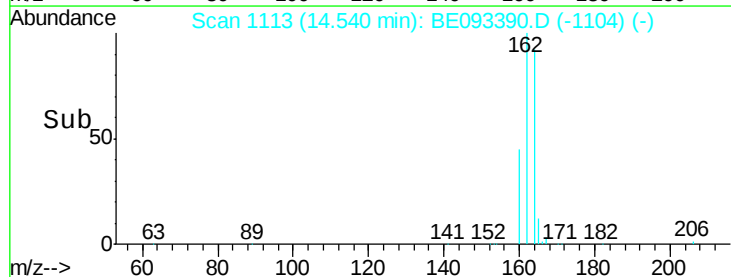
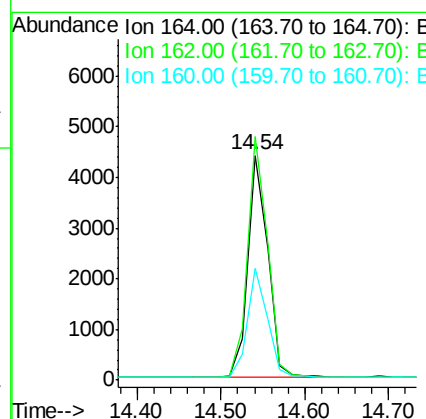
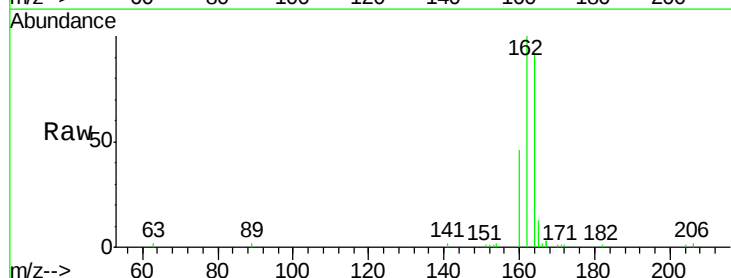
Manual Integrations
APPROVED

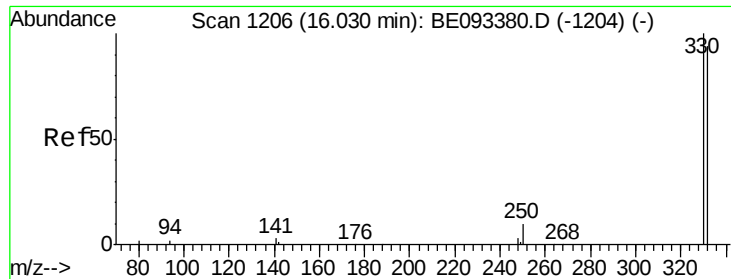
mohammad
7/3/2017 1:17:56 PM



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BE093390.D
Acq: 1 Jul 2017 13:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.3	84.6	127.0
160	49.9	41.8	62.6





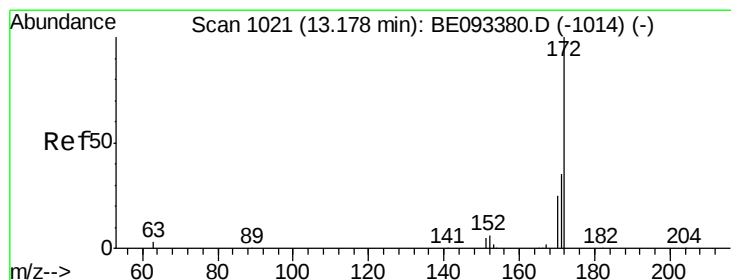
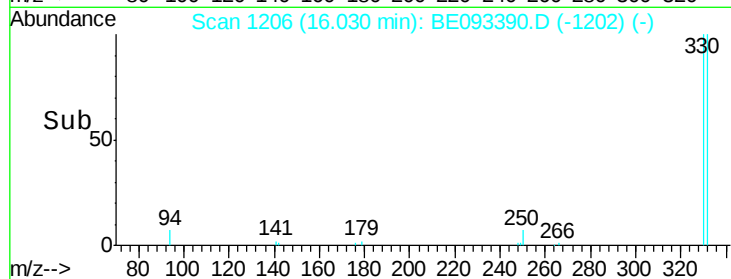
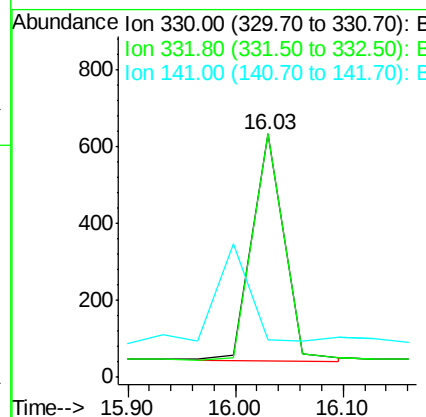
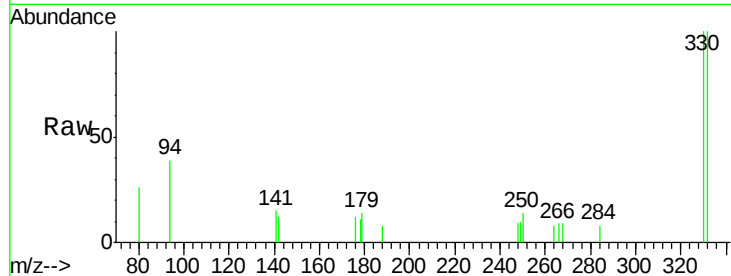
#14
 2,4,6-Tribromophenol
 Concen: 0.419 ng m
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093390.D
 Acq: 1 Jul 2017 13:37

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-170613

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	77.7	116.5#
141	0.0	56.2	84.4#

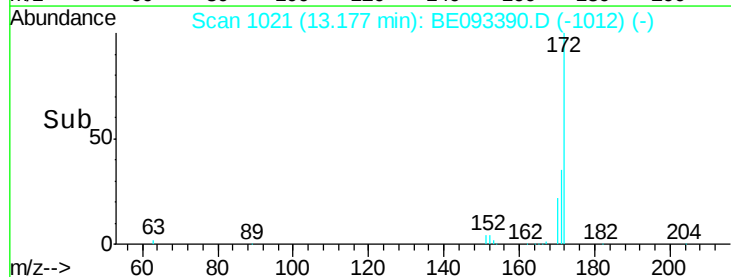
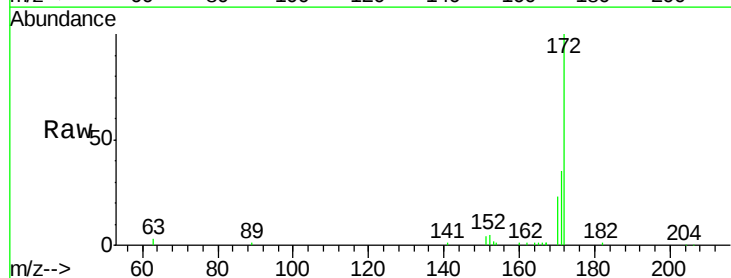
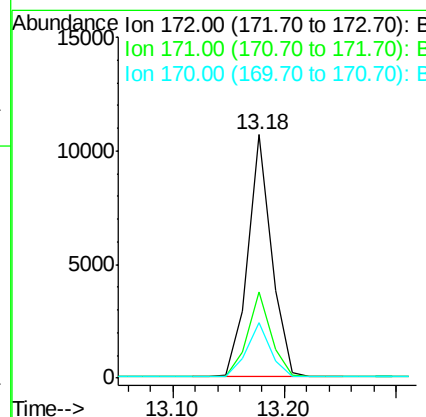
Manual Integrations
 APPROVED

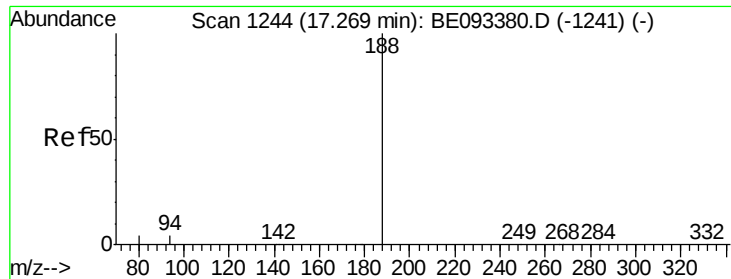
mohammad
 7/3/2017 1:17:56 PM



#15
 2-Fluorobiphenyl
 Concen: 0.561 ng
 RT: 13.18 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BE093390.D
 Acq: 1 Jul 2017 13:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.8	44.6
170	22.9	20.7	31.1





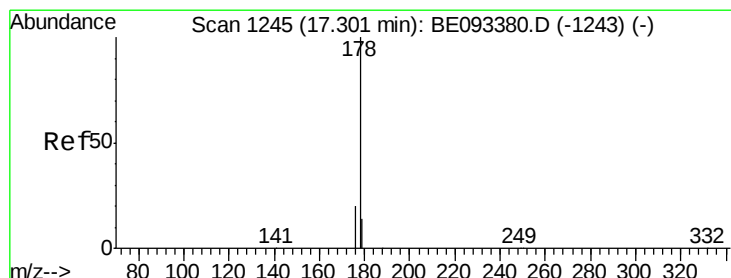
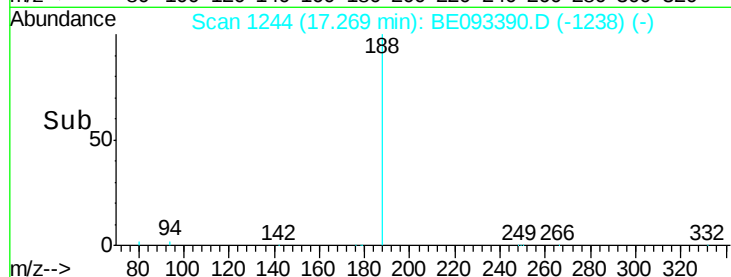
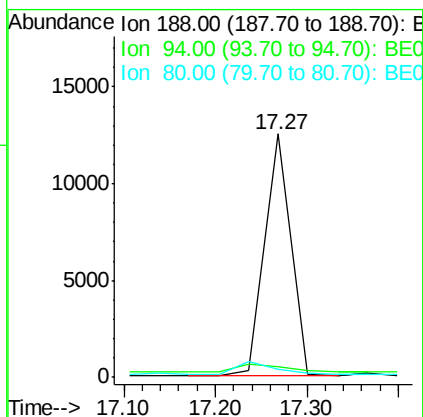
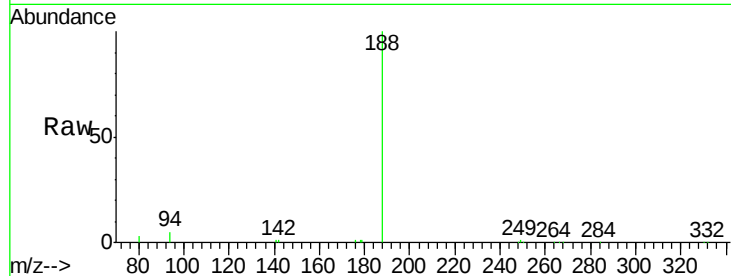
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093390.D
Acq: 1 Jul 2017 13:37

Instrument :
BNA_E
ClientSampleId :
KY038PS027-170613

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	25157		
94	4.6	11.3	16.9#	
80	3.1	11.7	17.5#	

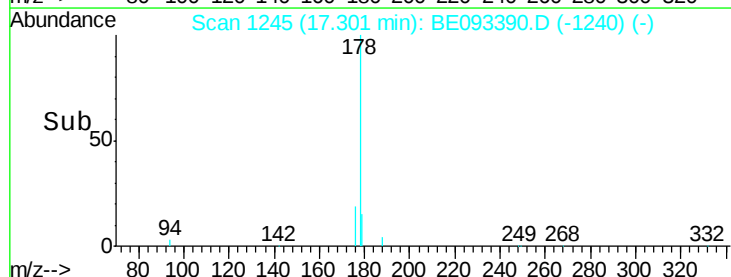
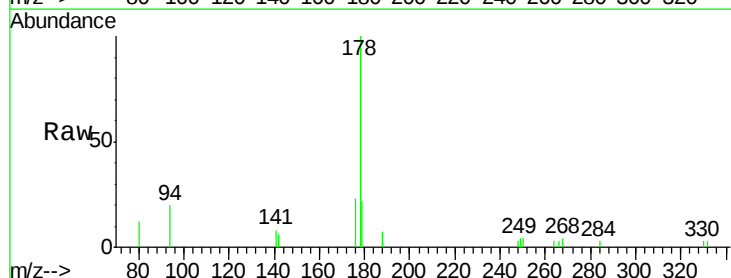
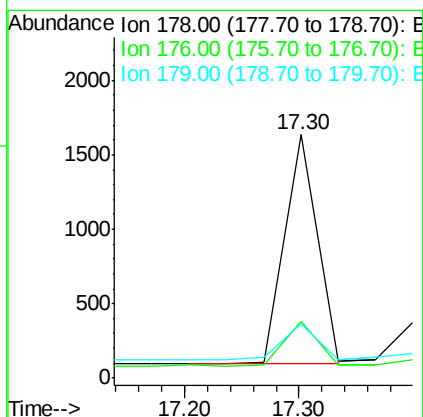
Manual Integrations
APPROVED

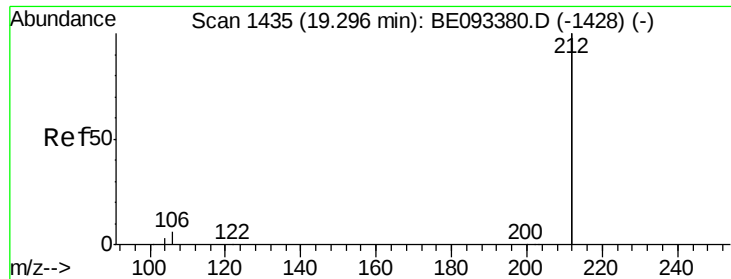
mohammad
7/3/2017 1:17:56 PM



#23
Phenanthrene
Concen: 0.051 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093390.D
Acq: 1 Jul 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	3076		
176	20.5	15.0	22.4	
179	16.8	12.7	19.1	





#25

Fluoranthene-d10

Concen: 0.506 ng

RT: 19.29 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BE093390.D

Acq: 1 Jul 2017 13:37

Instrument :

BNA_E

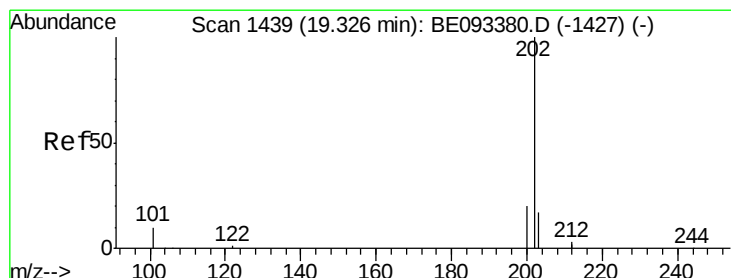
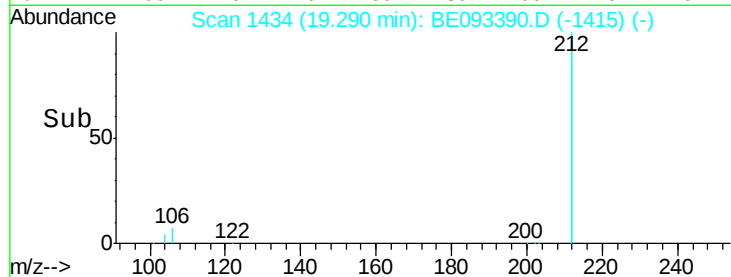
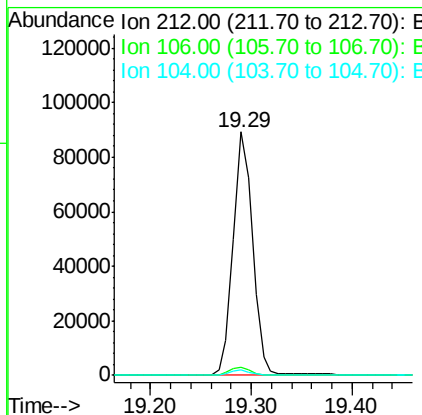
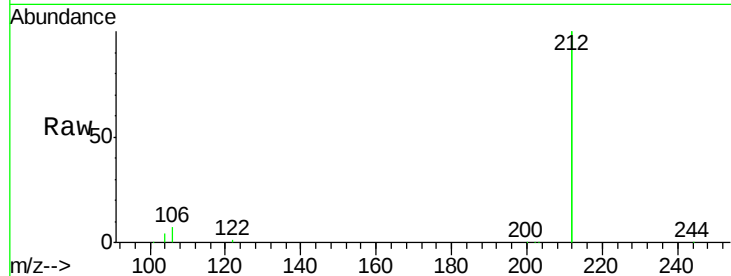
ClientSampleId :

KY038PS027-170613

Tgt Ion	Ratio	Resp	Lower	Upper
212	100	117466		
106	3.5	2.4	3.6	
104	2.0	1.6	2.4	

Manual Integrations
APPROVED

mohammad
7/3/2017 1:17:56 PM



#26

Fluoranthene

Concen: 0.029 ng

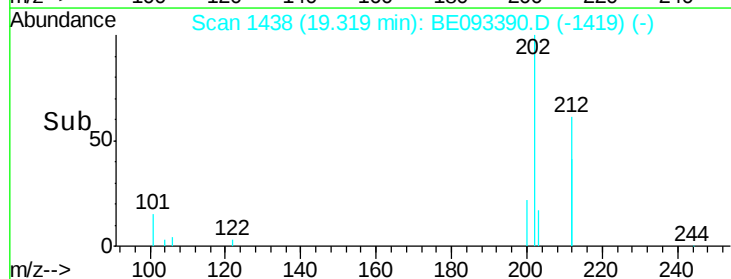
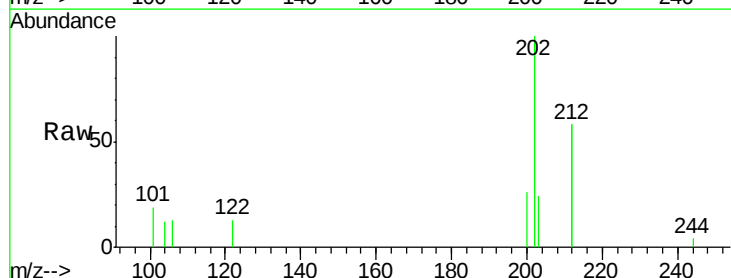
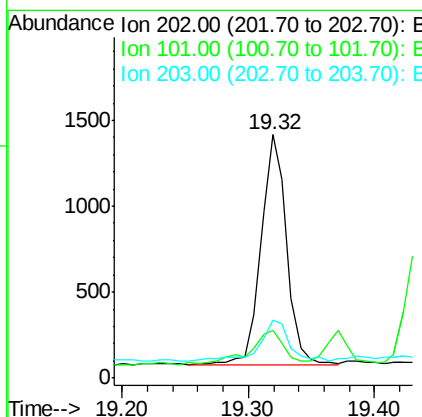
RT: 19.32 min Scan# 1438

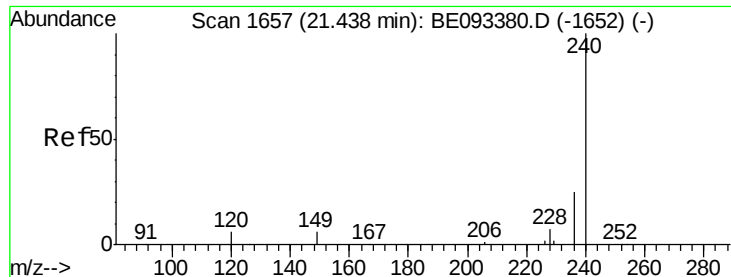
Delta R.T. -0.01 min

Lab File: BE093390.D

Acq: 1 Jul 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1888		
101	20.2	9.6	14.4#	
203	21.6	14.4	21.6#	





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BE093390.D

Acq: 1 Jul 2017 13:37

Instrument :

BNA_E

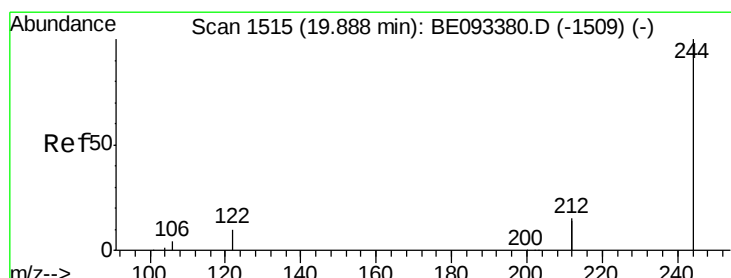
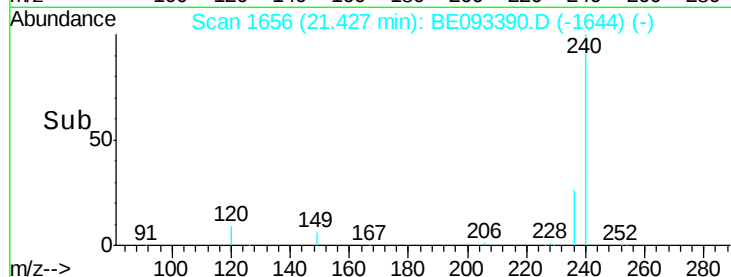
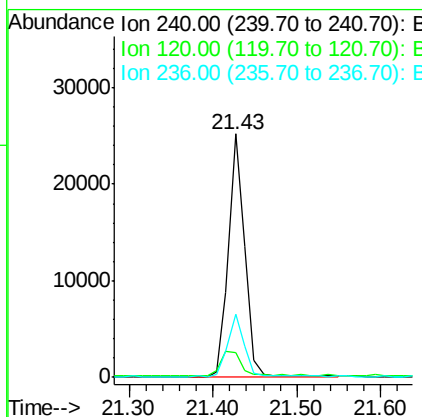
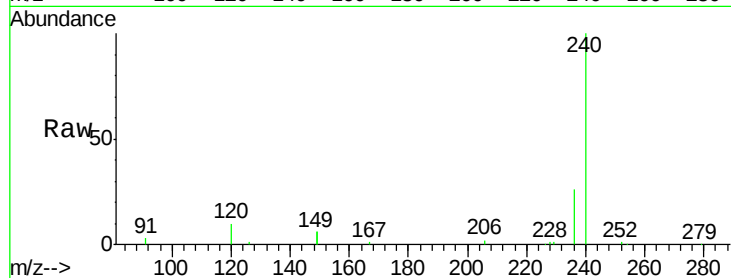
ClientSampleId :

KY038PS027-170613

Tgt Ion:240 Resp: 33721
 Ion Ratio Lower Upper
 240 100
 120 10.1 4.6 7.0#
 236 26.0 20.8 31.2

Manual Integrations
 APPROVED

mohammad
 7/3/2017 1:17:56 PM



#29

Terphenyl-d14

Concen: 0.585 ng

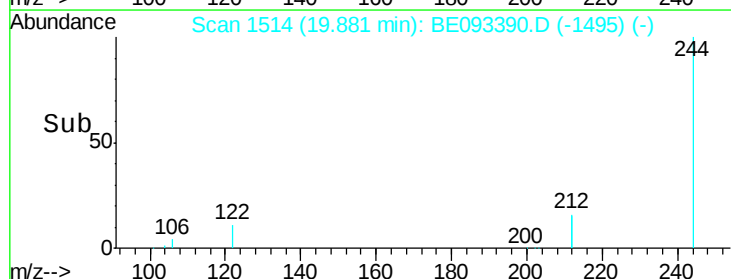
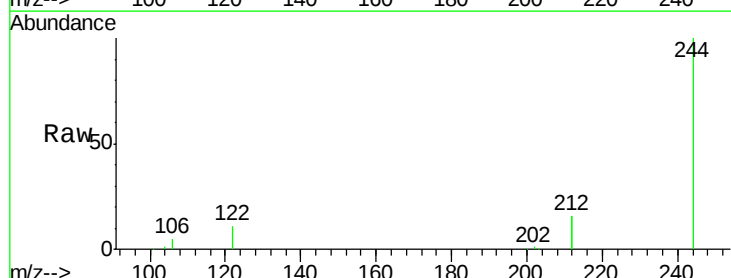
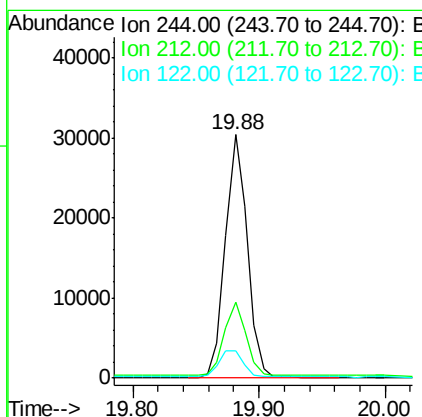
RT: 19.88 min Scan# 1514

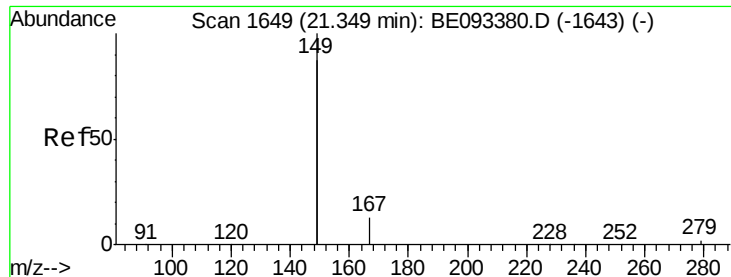
Delta R.T. -0.01 min

Lab File: BE093390.D

Acq: 1 Jul 2017 13:37

Tgt Ion:244 Resp: 36582
 Ion Ratio Lower Upper
 244 100
 212 31.0 10.6 16.0#
 122 11.1 15.4 23.0#





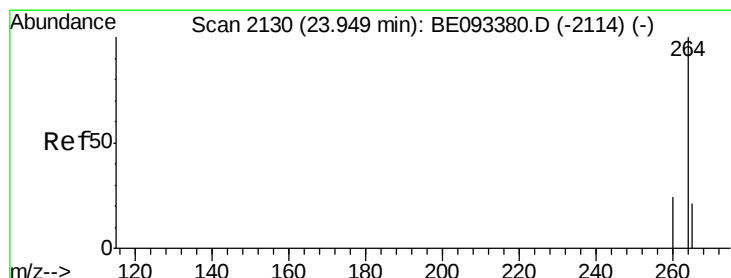
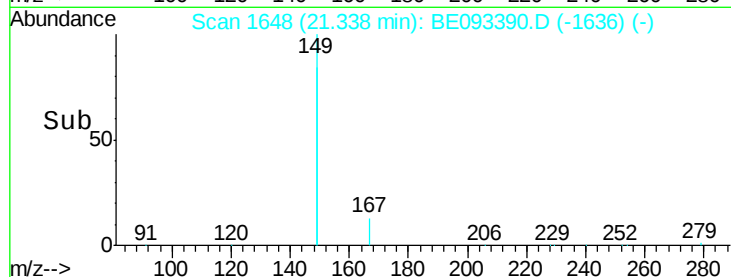
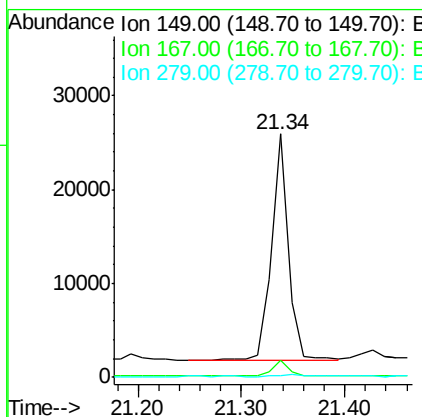
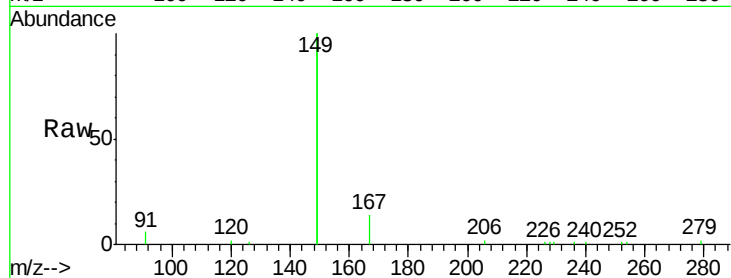
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.198 ng
 RT: 21.34 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BE093390.D
 Acq: 1 Jul 2017 13:37

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-170613

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.9	20.1	30.1#
279	1.1	2.2	3.4#

Manual Integrations
 APPROVED

mohammad
 7/3/2017 1:17:56 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BE093390.D
 Acq: 1 Jul 2017 13:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.0	31.4
265	29.0	24.6	36.8

